

REDOPOXY 630HB

Epoxy High Solid High Build Zinc Phosphate Primer

Description

REDOPOXY 630HB is a two component Polyimide cured anti corrosive high performance primer containing Zinc Phosphate as corrosion inhibiting pigments.

Advantages

- Suitable for flow and dip application
- Provides excellent chemical and corrosion protection

Uses

- Used as primer on M.S. surface in diverse areas of tank interiors, exteriors, pipelines, structural steel etc.
- Recommended for Thermal, Hydro Power Projects, Petrochemical, Transformers and Refineries

Technical Information

PROPERTIES	RESULTS
Color	Grey
Finish	Matt
Volume Solids (ASTM D 2697)	70 ± 3%
Recommended DFT	60 -100μ in single coat
Wet Film Thickness	85-140μ in single coat
Specific Gravity	1.65 ± 0.05
Surface Dry	45 min

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances
The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, temperature etc.
The information provided above is at 30°C and 65% relative humidity

PRIMER

Redwop®

Direction For Use

- **SURFACE PREPARATION:**

All surfaces to be coated should be clean, absolutely dry and oil or moisture free before painting application. Oil and grease should be removed by solvent cleaning.

- **Repair Cases :**

Corroded areas should be power tool cleaned to St3 or blast cleaned to Sa2 or better. Existing system should be dry and free from loose paint, salt, grease and other contaminants prior to overcoating.

- **New steel :**

Abrasive blasting to Sa 2½ (ISO 8501-1:2007). For temporary protection, if required, use a suitable shopprimer. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting.

- **Maintenance :**

Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Clean damaged areas thoroughly by power tool cleaning to St 3 (ISO 8501-1:2007) (minor areas) or by abrasive blasting to min. Sa 2, preferably to Sa 2½ (ISO 8501-1:2007). Improved surface preparation will improve the performance of the product.

- **Stainless steel :**

To be abrasive blast cleaned to a uniform, sharp, dense profile (ISO Comparator Medium (G), corresponding to Rz minimum 50 micron. Any salts, grease, oil, etc. to be removed before abrasive blasting is commenced.

- **Application Data :**

Application Method	Spray/ Airless Spray/Brush/ Roller
Mixing Ratio	4 Part (Base) : 1 Part (Hardener)
Pot Life	Three Hours at 30°C
Thinner and Cleaner	Epoxy Thinner
Airless Nozzle	0.38 - 0.53mm
Orifice Nozzle Pressure	155 kg/cm ² or 2200 psi

- **Working Precautions:**

Material should not be allowed to remain in pipeline, hoses, gun or spray equipment. Thoroughly flush all equipment with epoxy thinner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages, the work should recommences with freshly mixed units.

- **Maintenance:**

Clean all equipment immediately after use with epoxy thinner. It is good working practice to periodically flush out spray equipment during the course of the working day. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

Coverage

- REDOPOXY 630HB will give coverage of 10 sq.mt / lit at recommended DFT of 100μ

Supply

- It is supplied in 20 lit set (16 lit base & 4 lit hardener).

Self-Life

- 2 year from the date of manufacturing. This is solvent based coating and the containers should be kept in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed.

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